## Rec'd PCT/PTO 11 MAY 2005

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Attorney Docket **DECLARATION FOR UTILITY OR** Number First Named Inventor **DESIGN** Avto TAVKHELIDZE PATENT APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) **Application Number** Filing Date Declaration Declaration May 11, 2005 OR Submitted Submitted after Initial Art Unit With Initial Filing (surcharge (37 CFR 1.16 (e)) Filing **Examiner Name** required) I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method for Increasing Efficiency of Thermotunnel Devices (Title of the Invention) the specification of which is attached hereto OR 1 11/27/2003 was filed on (MM/DD/YYYY) as United States Application Number or PCT International PCT/IB2003/006484 Application Number and was amended on (MM/DD/YYYY) 05/10/2005 (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. **Prior Foreign Application** Foreign Filing Date **Priority Certified Copy Attached?** Country Number(s) (MM/DD/YYYY) **Not Claimed** <u>YES</u> 0227687.1 GR 11/27/2002 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. 

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/01 (09-04)
Approved for use through 07/31/2008. OMB 0851-0032
U.S. Patent end Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## **DECLARATION** — Utility or Design Patent Application

| Direct all The address OR Correspond  |                                       |  |
|---|---------------------------------------|--|
| correspondence to: associated with Customer Number:   |                                       |  |
| Name  |                                       |  |
| Borealis Technical Limited  |                                       |  |
| Address 23545 NW Skyline Blvd   |                                       |  |
| City State ZIP  |                                       |  |
| 1   | 33-9204                               |  |
| Country Telephone Fax   | ·-···                                 |  |
| US +1.503.621.3286 +1.503.621.3425  |                                       |  |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. |                                       |  |
| NAME OF SOLE OR FIRST INVENTOR:  A petition has been filed for this unsigned inventor   |                                       |  |
| Given Name (first and middle [if any]) Family Name or Surname   | Family Name or Surname                |  |
| Avto  | TAVKHELIDZE                           |  |
| Inventor's Signature Date   |                                       |  |
| 11 Ma   | y 2005                                |  |
| Residence: City State Country Citizenship   |                                       |  |
| Tbillsi Republic of GEORGIA (GE) G  | E                                     |  |
| Mailing Address Microelectronics Department Chavchavadze Ave. 13  |                                       |  |
| City State Zip Country  | · · · · · · · · · · · · · · · · · · · |  |
| Thillis 0179 Republic of  | GEORGIA (GE)                          |  |
| NAME OF SECOND INVENTOR:  A petition has been filed for this uns  | ianed inventor                        |  |
| Given Name (first and middle [if any]) Family Name or Surname   |                                       |  |
| LeriTSAKADZE  |                                       |  |
| Inventor's Signature  Date  11 May  | 2005                                  |  |
| Residence: City State Country Citizenship   | <del></del>                           |  |
| Tbilisi Republic of GEORGIA (GE)  | E                                     |  |
| Mailing Address Microelectronics Department Chavchavadze Ave. 13  |                                       |  |
| City State Zip Country  |                                       |  |
| Tbilisi 0179 Republic of GEORG  | GIA (GE)                              |  |
| Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.   |                                       |  |